

Research Records

(Dec. 1955~ Nov. 1956)

I Articles Published in Scientific Journals.

(a) In "Journal of the Pharmaceutical Society of Japan."

Takeshi Shimano, Mizuo Mizono and Shinichirō Yamato : On the Simple Estimation of Alkaloid in Ephedra by Circular Chromatography (76, 860 (1956)).

Takeshi Shimano, Mizuo Mizuno and Ikuo Adachi : Studies on Triterpenoides. IX. On the New Component of Prunella, Ursolic Acid (76, 974 (1956)).

Kōichi Nakazawa, (Miss) Sachie Tsubouchi and Yasue Enokida : Syntheses of Nuclear-Substituted Flavonoids and Allied Compounds. VIII. Demethylation of 6-Acetyl-5,7,4'-trimethoxyflavone (76, 1204 (1956)).

Takeo Ohno : Studies on Mercuration of Mononitrophenols. I (76, 713 (1956)).

Takeo Ohno : Studies on Mercuration of Dinitrophenols (76, 718 (1956)).

Takeo Ohno : Studies on Mercuration of Nitronaphthols (76, 722 (1956)).

Takeo Ohno : Studies on Mercuration of Nitrodihydroxybenzenes (76, 726 (1956)).

Takeo Ohno : Studies on Mercuration of Nitrosalicylic Acid and Nitro-8-hydroxyquinoline (76, 729 (1956)).

Takeo Ohno : Studies on Mercuration of Dinitrohydroxyphthalein (76, 733 (1956)).

Kenji Kaji and Hiromu Nagashima : Synthesis of Mixed Acyloins. I. A Reaction of Alkyl Grignard Reagents towards Aromatic Aldehyde Cyanohydrin (76, 1247 (1956)).

Kenji Kaji and Hiromu Nagashima : Synthesis of mixed Acyloins. II. A new Reaction of Grignard Reagent towards Aromatic Aldehyde Cyanohydrin Iminoester (76, 1250 (1956)).

Takachiyo Okuda : Studies on Alkylation with Mannich Bases. I (76, 1 (1956)).

Takachiyo Okuda : Studies on Alkylation with Mannich Bases. II (76, 4 (1956)).

Zirō Kitamura, Uzuhiko Kurimoto and Matatsugu Yokoyama : Studies on the metabolic Products *Aspergillus chevalieri* (MANGIN) THOM et CHURCH (76, 972 (1956)).

(b) In "Archive of Practical Pharmacy of Japan."

Yoshio Katō : Synthesis of Polyethylene Glycol Alkylesters and their Pharmaceutical Application. I (15—(4), 20 (1955)).

(c) In "The Annual Reports of the Public Health Division of the Pharmaceutical Society of Japan."

Yōki Ose, Keiichi Kuwayama, Reiji Gotō and Norio Hashimoto : Studies on the Food Taste of Children I (3—(3), 59 (1955)).

II Articles to be Published in Scientific Journals.

(a) In "Journal of the Pharmaceutical Society of Japan."

Kenji Kaji and Hiromu Nagashima : Synthesis of mixed Acyloins. III. A Reaction of Methyl Grignard Reagent towards Methoxymandelonitriles.

(b) In "Annual Reports of Public Health."

Reizaburo Sakuma and Kiyoshi Ishikawa : Dirty Degree of the Air in Room.

III Oral Reports in Scientific Society.

- (a) In the 9th Annual Meeting of the Pharmaceutical Society of Japan (Apr. 1956).
Takeshi Shimano, Mizuo Mizuno and Sumio Inoue : Studies on Triterpenoides. VII. Examinations of the Triterpenoides by Paper Electrophoresis (3).
Takeshi Shimano, (Miss) Kazuko Taki and Akio Kawanishi : Studies on Triterpenoides. VIII. Detection of Triterpenoides by Paper Partition Chromatography (II). On the Distribution of the Triterpenoides in the Ericaceae.
Takeshi Shimano and Shintarō Nomura : Anatomical Studies on the Crude Drugs of Dioecism. I. On the *Trichosanthes* Lfss. (Cucurbitaceae).
Yūzō Nagase and Masanobu Iguchi : Polarography of Dermatol and Related Compounds.
Yūzō Nagase and Ushiho Matsumoto : Application of Naphthoquinone Derivatives as Organic Analytical Reagents. IV. On the 6,7- and 5,6-Dihydroxy-1,4-naphthoquinone.
Kichitarō Takatori, Yasuo Yamada and Isamu Sakai : Syntheses of Fluorine-containing Antihistaminica. I.
Kichitarō Takatori, Yasuo Yamada and Ryuichi Konō : Detection of Amino Acids in Urine of Normal and DAB-Diet Rats by Paper-Chromatography.
Reizaburō Sakuma and Kiyoshi Ishikawa : Lactoflavine Contents in Muscle.
Kazuo Hirose : Inhibition of Respiration of *E. coli* by Mercaptoquinone Derivatives.
Takachiyo Okuda : Studies on Alkylation with Mannich Bases. III.
Yōki Ose, Tōshirō Kitamura, Shōzō Morishita and Akira Kinbara : Studies on the Food-Tastes of Children II.
- (b) In the 5th General Meeting of the Tōkai Branch of the Pharmaceutical Society of Japan. (Nov. 1956).
Etsuo Miyamichi and Yōki Ose : Estimatic Study on the Experimental Results of Hygenic Testing Method (Eisei-Shiken-Ho) carried out by the Students of Pharmaceutical College II.
Etsuo Miyamichi and Yōki Ose : Introduction of the Prescription of Nutrition.
Takeshi Shimano, Mizuo Mizuno and Ikuo Adachi : Studies on Triterpenoides. XI. On the New Components of *Jasminium Grandiflorum*.
Yosio Katō and Mamoru Sugiura : Studies on the Ointment Bases. I. On the Increase of Diffusion Strength of Ointments.
Shigeo Senda, Akio Suzui, (Mrs.) Miyoko Kano and (Mrs.) Junko Tsubota : Studies on Uracil Derivatives. V. Nitration of 4-Methyl-2,6-dimethoxypyrimidine.
Reizaburo Sakuma and (Mrs.) Kyōko Toda : Medical Influence of the Lactoflavine Metabolism.
Takachiyo Okuda : Studies on Alkylation with Mannich Bases. IV.
Yōki Ose, Jirō Kitamura, Hayaki Niwa, Keiich Inami, Yoshinori Watanabe and (Mrs) Kanae Hayashi : Fundamental Studies on the Envirous of Schools. I.
Yōki Ose, Ariyuki Shiraki, Keiki Sugiyama and Yoshirō Sugiyama : Critium on the Scoring Methode of "Surecillance Table of Food Hygence."
- (c) In Ordinary Meeting of the Tōkai Branch of the Pharmaceutical Society of Japan.

- Takeshi Shimano**, (Miss) **Kazuko Taki** and **Masakazu Sugiura** : Studies on Triterpenoides. X. On the Saponines in the Araliaceae (Sep. 1956).
- Yūzō Nagase** and **Hiroshi Kawai** : Quantitative Determination of Medicine by Means of Ion Exchange Resin. II. Determination of Organic Calcium Salts (Jun. 1956).
- Kichitarō** and **Yasuo Yamada** : Syntheses of New Sulfonamides. VII. Synthesis of Kyanmethin from Acetonitrile (Dec. 1955).
- Kichitarō Takatori** and **Yasuo Yamada** : Syntheses of New Sulfonamides. VIII. Syntheses of Fluorine-containing Sulfabenzamides (Feb. 1956).
- Shigeo Senda** and **Akio Suzui** : Studies on Uracil Derivatives. III. Synthesis of 1-Phenyl-3,4-dimethyl uracil (Dec. 1955).
- Shigeo Senda** and **Akio Suzui** : Studies on Uracil Derivatives. IV. Alkylation of 4-Methyl-2-thiouracil (Feb. 1956).
- Ushiho Matsumoto** : Condensations of Dihydric Phenols with Maleic and Succinic Anhydrides (Feb. 1956).
- (d) In the "Society of Pharmacognosy of Japan".
Takeshi Shimano and **Shintarō Nomura** : Anatomical Studies on the Crude Drugs of Dioecism. II. On the *Rumex Linn.* (Polygonaceae). (Sep. 1956).
- (e) In the 8th Annual Meeting of "The Japan Home Economics Association." (Sept. 1956)
Yōki Ose and (Mrs) **Fumiko Takai** : Fundamental Studies on Cooking I.
Yōki Ose : Fundamental Studies on Dying with Plant Materials. (Kusaki-Zome) I.
- (f) In the 2nd Annual Meeting of "The Tōkai Society of Public Health." (July. 1956)
Etsuo Miyamichi and **Yōki Ose** : Estimatic Study on the Experimental Results of Hygienic Testing Method (Eisei-Shiken-Hō) carried out by the Students of Pharmaceutical College I.
- (g) In "Tōkai Society of Physical Education" (Oct. 1956).
Ryōichi Hayashi : Treatment of Diseases and sickly Students in College.
- (h) In "The Tokai Society for the Study of General Education".
Ryōichi Hayashi : Discussion on the Date of Athletic Meeting for Students of College.
Yōki Ose : Establishment of Organization for Publication of Curriculum and Course Plan. (May. 1956)
Yōki Ose : Treatment of the same Subject of Study in General Education as in Special Education. (Nov. 1956)

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